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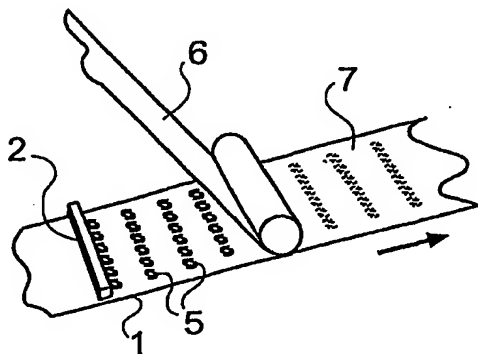
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(54) Title: A METHOD FOR PRODUCING IDENTIFICATION MARKS ON PAPER OR BOARD AND A MARKED MATE-
RIAL MADE WITH THE METHOD



(57) Abstract: The invention comprises a method for producing
identification marks (5) on layer-structured paper or board (7) to
be manufactured in a continuous web and the marked papers and
boards obtained with this method. With this method, the marks
(5) are made with a laser beam on a moving web from fiber layer
(1), on which a second layer of material (6) is subsequently overlaid
in such a way that the marks remain inside the layer-structure
of the moving web. The second material layer (6) may comprise
a second fiber layer or, for example, a polymer coating. The laser
marking could take place, for example, by burning the surface of
the fiber layer (1) or by engraving it. Inside the layer structure,
the marks (5) are protected, but detectable with a detector to en-
sure the authenticity of the material: The marked paper or board
is suitable for product packages to be protected against product
forgeries.

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